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Attorney Docket No. PB 02 0022

Patent

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0016] with the paragraph on the following page.

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Patent

[0016] At 205, the noise level is compared with a low noise threshold. The low noise threshold is a predetermined value, dependent upon a particular application. For example, -50 dBm could be a predetermined low noise threshold. If the noise level is less than the low noise threshold, next is 210. Otherwise, next is 215. At 210, the speaker's downlink signal is routed to and processed by a delay line and a gain controller. An exemplary embodiment could use delay line 135 and gain controller 145 shown in FIG. 1. At 215, the noise level is compared with a high noise threshold. The high noise threshold is a predetermined value, dependent upon a particular application. For example, -25 dBm could be a predetermined high noise threshold. If the noise level is higher than the high noise threshold, next is 220. Otherwise next is 230. At 220, the speaker's downlink signal is routed to and processed by a filter and gain controller. An exemplary embodiment could use filter 140 and gain controller 145 shown in FIG. 1. At 230, predetermined values of gain are applied to the speaker's downlink signal or a predetermined amount of processing is performed on the signal depending upon the noise level. An exemplary embodiment could use a gain lookup, such as Gain Lookup 180 shown in FIG. 1, to look up the predetermined values of gain. The predetermined gain values or the processing amounts can be adjusted in response to a particular application. For example, predetermined gain values could be applied as follows: